

# Rational Numbers

Write the rational number in the form  $\frac{a}{b}$ .

1. 0.89 \_\_\_\_\_
2. 1.4 \_\_\_\_\_
3. 0.7 \_\_\_\_\_
4. 0.25 \_\_\_\_\_
5. 0.65 \_\_\_\_\_
6.  $\frac{2}{3}$  \_\_\_\_\_
7.  $7\frac{10}{11}$  \_\_\_\_\_
8. 80% \_\_\_\_\_
9.  $1\frac{7}{8}$  \_\_\_\_\_
10. 0.22 \_\_\_\_\_
11. 8% \_\_\_\_\_
12.  $3\frac{1}{4}$  \_\_\_\_\_
13. 15% \_\_\_\_\_
14. 8.4 \_\_\_\_\_
15. 200% \_\_\_\_\_

Tell which rational numbers you would use in the given situation.

16. to express the amount of a check  
\_\_\_\_\_
17. to express the outdoor air temperature  
\_\_\_\_\_
18. Is every integer a whole number? Explain.  
\_\_\_\_\_

## Mixed Applications

19. Suppose sales tax is 6%. How much sales tax will Sara pay if she buys \$100 worth of products?  
\_\_\_\_\_
20. Name two everyday situations in which rational numbers are used. Tell which type of rational number would be used.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## MIXED REVIEW

Find the least common multiple (LCM) for each pair of numbers.

1. 4, 5 \_\_\_\_\_
2. 6, 12 \_\_\_\_\_
3. 5, 6 \_\_\_\_\_
4. 15, 25 \_\_\_\_\_
5. 3, 21 \_\_\_\_\_

Find the missing number.

6. 350 mg = \_\_\_\_\_ g
7. 30 cm = \_\_\_\_\_ mm
8. 0.4 kL = \_\_\_\_\_ L